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* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page for STN Seminar Schedule – N. America
NEWS 2   AUG 06   CAS REGISTRY enhanced with new experimental property tags
NEWS 3   AUG 06   FSTA enhanced with new thesaurus edition
NEWS 4   AUG 13   CA/CAplus enhanced with additional kind codes for granted
                   patents
NEWS 5   AUG 20   CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 6   AUG 27   Full-text patent databases enhanced with predefined
                   patent family display formats from INPADOCDB
NEWS 7   AUG 27   USPATOLD now available on STN
NEWS 8   AUG 28   CAS REGISTRY enhanced with additional experimental
                   spectral property data
NEWS 9   SEP 07   STN AnaVist, Version 2.0, now available with Derwent
                   World Patents Index
NEWS 10   SEP 13   FORIS renamed to SOFIS
NEWS 11   SEP 13   INPADOCDB enhanced with monthly SDI frequency
NEWS 12   SEP 17   CA/CAplus enhanced with printed CA page images from
                   1967-1998
NEWS 13   SEP 17   CAplus coverage extended to include traditional medicine
                   patents
NEWS 14   SEP 24   EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 15   OCT 02   CA/CAplus enhanced with pre-1907 records from Chemisches
                   Zentralblatt
NEWS 16   OCT 19   BEILSTEIN updated with new compounds
NEWS 17   NOV 15   Derwent Indian patent publication number format enhanced
NEWS 18   NOV 19   WPIX enhanced with XML display format
NEWS 19   NOV 30   ICSD reloaded with enhancements
NEWS 20   DEC 04   LINPADOCDB now available on STN
NEWS 21   DEC 14   BEILSTEIN pricing structure to change
NEWS 22   DEC 17   USPATOLD added to additional database clusters
NEWS 23   DEC 17   IMSDRUGCONF removed from database clusters and STN
NEWS 24   DEC 17   DGENE now includes more than 10 million sequences
NEWS 25   DEC 17   TOXCENTER enhanced with 2008 MeSH vocabulary in
                   MEDLINE segment
NEWS 26   DEC 17   MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS 27   DEC 17   CA/CAplus enhanced with new custom IPC display formats
NEWS 28   DEC 17   STN Viewer enhanced with full-text patent content
                   from USPATOLD
NEWS 29   JAN 02   STN pricing information for 2008 now available
NEWS 30   JAN 16   CAS patent coverage enhanced to include exemplified
                   prophetic substances
NEWS 31   JAN 28   USPATFULL, USPAT2, and USPATOLD enhanced with new
                   custom IPC display formats
NEWS 32   JAN 28   MARPAT searching enhanced
NEWS 33   JAN 28   USGENE now provides USPTO sequence data within 3 days
                   of publication
NEWS 34   JAN 28   TOXCENTER enhanced with reloaded MEDLINE segment

NEWS 35 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements
NEWS 36 FEB 08 STN Express, Version 8.3, now available

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 24 JANUARY 2008

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS LOGIN   Welcome Banner and News Items
NEWS IPC8   For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:13:34 ON 14 FEB 2008

=> file medline, agricola, caba, caplus, biosis, biotechno
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                    ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'MEDLINE' ENTERED AT 17:14:05 ON 14 FEB 2008

FILE 'AGRICOLA' ENTERED AT 17:14:05 ON 14 FEB 2008

FILE 'CABA' ENTERED AT 17:14:05 ON 14 FEB 2008
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FILE 'CAPLUS' ENTERED AT 17:14:05 ON 14 FEB 2008
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FILE 'BIOSIS' ENTERED AT 17:14:05 ON 14 FEB 2008
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FILE 'BIOTECHNO' ENTERED AT 17:14:05 ON 14 FEB 2008
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=> s (mulet salort, j? or mulet salort j?)/au
L1   2 (MULET SALORT, J? OR MULET SALORT J?)/AU

=> s (serrano salom, r? or serrano salom r?)/au
L2   7 (SERRANO SALOM, R? OR SERRANO SALOM R?)/AU

=> s l1 and l2
L3   2 L1 AND L2

=> d l3 1-2 bib

L3   ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
AN   2004:872848 CAPLUS
DN   141:361529
TI   Screening for nucleic acids and proteins providing environmental stress

```
          tolerance in plant and yeast cells and identification of five CRYO genes
          in sugar beet
IN    Mulet, Salort Jose Miguel; Serrano, Salom Ramon
PA    Cropdesign N.V., Belg.
SO    PCT Int. Appl., 52 pp.
      CODEN: PIXXD2
DT    Patent
LA    English
FAN.CNT 1
      PATENT NO.          KIND   DATE          APPLICATION NO.          DATE
      --------------      ----   --------      --------------------     --------
PI    WO 2004090141       A2     20041021      WO 2004-EP50513          20040413
      WO 2004090141       A3     20050506
          W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
              CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
              GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
              LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
              NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
              TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
          RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
              BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
              ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
              SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
              TD, TG
      EP 1616014          A2     20060118      EP 2004-727019           20040413
          R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
              IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR
      BR 2004009326       A      20060425      BR 2004-9326             20040413
      CN 1771327          A      20060510      CN 2004-80009698         20040413
      IN 2005DN04161      A      20070831      IN 2005-DN4161           20050915
      US 2006200879       A1     20060907      US 2005-552686           20051121
PRAI  EP 2003-76064       A      20030411
      WO 2004-EP50513     W      20040413


L3    ANSWER 2 OF 2  CAPLUS  COPYRIGHT 2008 ACS on STN
AN    2004:847577  CAPLUS
DN    141:326810
TI    Protein and cDNA sequences of plant non-symbiotic hemoglobin and their
      uses in altering plant growth characteristics and abiotic stress tolerance
IN    Mulet Salort, Jose Miguel; Sanz Molinero, Ana Isabel;
      Serrano Salom, Ramon
PA    Cropdesign N.V., Belg.
SO    PCT Int. Appl., 59 pp.
      CODEN: PIXXD2
DT    Patent
LA    English
FAN.CNT 1
      PATENT NO.          KIND   DATE          APPLICATION NO.          DATE
      --------------      ----   --------      --------------------     --------
PI    WO 2004087755       A2     20041014      WO 2004-EP50405          20040401
      WO 2004087755       A3     20050210
          W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
              CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
              GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
              LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
              NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
              TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
          RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
              BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
              ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
              SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
              TD, TG
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        EP 1608682            A2     20051228    EP 2004-725061          20040401
            R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
                IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR
        BR 2004009079         A      20060418    BR 2004-9079            20040401
        CN 1768077            A      20060503    CN 2004-80008729        20040401
        IN 2005DN04157        A      20070831    IN 2005-DN4157          20050915
        US 2006288455         A1     20061221    US 2005-551699          20051121
PRAI EP 2003-75974            A      20030401
        WO 2004-EP50405       W      20040401


=> d his

        (FILE 'HOME' ENTERED AT 17:13:34 ON 14 FEB 2008)

        FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
        17:14:05 ON 14 FEB 2008
L1              2 S (MULET SALORT, J? OR MULET SALORT J?)/AU
L2              7 S (SERRANO SALOM, R? OR SERRANO SALOM R?)/AU
L3              2 S L1 AND L2

=> s l1 or l2
L4              7 L1 OR L2

=> s l4 not l3
L5              5 L4 NOT L3

=> duplicate remove l5
DUPLICATE PREFERENCE IS 'CAPLUS, BIOSIS'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L5
L6              5 DUPLICATE REMOVE L5 (0 DUPLICATES REMOVED)

=> d l6 1-5 ti

L6    ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2008 ACS on STN
TI    Plants resistant to saline and hydric stress and method for obtaining same

L6    ANSWER 2 OF 5  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on STN
TI    Sugar beet genes involved in stress tolerance.

L6    ANSWER 3 OF 5  CAPLUS  COPYRIGHT 2008 ACS on STN
TI    Transgenic plants expressing sugar beet genes involved in stress tolerance
      and their uses for salt stress resistance

L6    ANSWER 4 OF 5  CAPLUS  COPYRIGHT 2008 ACS on STN
TI    Protection against lithium and sodium toxicity by manipulating processing
      of mRNA precursors in yeast and plants

L6    ANSWER 5 OF 5  CAPLUS  COPYRIGHT 2008 ACS on STN
TI    Osmotic stress-resistant transgenic plants expressing yeast
      trehalose-6-phosphate synthase gene CIF1


=> d l6 1-5 bib

L6    ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2008 ACS on STN
AN    2007:873983  CAPLUS
DN    147:251717
TI    Plants resistant to saline and hydric stress and method for obtaining same
IN    Rodriguez Egea, Pedro Luis; Serrano Salom, Ramon; Saez
      Somolinos, Angela
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PA    Consejo Superior de Investigaciones Cientificas, Spain; Universidad
      Politecnica de Valencia
SO    PCT Int. Appl., 33pp.
      CODEN: PIXXD2
DT    Patent
LA    Spanish
FAN.CNT 1
      PATENT NO.          KIND    DATE        APPLICATION NO.        DATE
      --------------      ----    --------    --------------------   --------
PI    WO 2007088234       A1      20070809    WO 2007-ES70023        20070131
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
             KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,
             MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
             RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
             TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
             CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
             GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM
PRAI  ES 2006-218         A       20060201
RE.CNT  3      THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6    ANSWER 2 OF 5  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on STN
AN    2007:426187  BIOSIS
DN    PREV200700425402
TI    Sugar beet genes involved in stress tolerance.
AU    Anonymous; Kanhonou, Arthur Rodolphe [Inventor]; Serrano Salom,
      Ramon [Inventor]; Ros Palau, Roc [Inventor]
CS    Valencia, Spain
      ASSIGNEE: CropDesign
PI    US 07227053 20070605
SO    Official Gazette of the United States Patent and Trademark Office Patents,
      (JUN 5 2007)
      CODEN: OGUPE7. ISSN: 0098-1133.
DT    Patent
LA    English
ED    Entered STN: 8 Aug 2007
      Last Updated on STN: 8 Aug 2007

L6    ANSWER 3 OF 5  CAPLUS  COPYRIGHT 2008 ACS on STN
AN    2002:504932  CAPLUS
DN    137:74413
TI    Transgenic plants expressing sugar beet genes involved in stress tolerance
      and their uses for salt stress resistance
IN    Kanhonou, Rodolphe Arthur; Serrano Salom, Ramon; Ros Palau,
      Roque
PA    Cropdesign N.V., Belg.
SO    PCT Int. Appl., 95 pp.
      CODEN: PIXXD2
DT    Patent
LA    English
FAN.CNT 1
      PATENT NO.          KIND    DATE        APPLICATION NO.        DATE
      --------------      ----    --------    --------------------   --------
PI    WO 2002052012       A2      20020704    WO 2001-EP15093        20011220
      WO 2002052012       A3      20020912
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
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              GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
              LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,
              PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
              US, UZ, VN, YU, ZA, ZW
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
              CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
              BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     CA 2432380            A1     20020704    CA 2001-2432380        20011220
     AU 2002237249         A1     20020708    AU 2002-237249         20011220
     EP 1343875            A2     20030917    EP 2001-986428         20011220
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
     JP 2004524015         T      20040812    JP 2002-553492         20011220
     US 2004111769         A1     20040610    US 2004-451554         20040126
     US 7227053            B2     20070605
     AU 2006249210         A2     20070104    AU 2006-249210         20061201
     AU 2006249210         A1     20070104
PRAI EP 2000-870319        A      20001222
     US 2001-271656P       P      20010226
     AU 2002-237249        A3     20011220
     WO 2001-EP15093       W      20011220

L6   ANSWER 4 OF 5  CAPLUS  COPYRIGHT 2008 ACS on STN
AN   2001:798448  CAPLUS
DN   135:340401
TI   Protection against lithium and sodium toxicity by manipulating processing
     of mRNA precursors in yeast and plants
IN   Vicente Meana, Oscar; Roldan Medina, Marta; Serrano Salom, Ramon
     ; Forment Millet, Jose Javier; Naranjo Olivero, Miguel Angel
PA   Universidad Politecnica de Valencia, Spain
SO   PCT Int. Appl., 84 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.            KIND   DATE        APPLICATION NO.        DATE
     ---------------       ----   --------    --------------------   --------
PI   WO 2001081599         A2     20011101    WO 2001-EP4479         20010419
     WO 2001081599         A3     20020516
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
             HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
             LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
             SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
             YU, ZA, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
             DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     CA 2405138            A1     20011101    CA 2001-2405138        20010419
     EP 1276887            A2     20030122    EP 2001-943269         20010419
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
     BR 2001010209         A      20030722    BR 2001-10209          20010419
     JP 2003530887         T      20031021    JP 2001-578670         20010419
     IN 2002MN01424        A      20040911    IN 2002-MN1424         20021016
     MX 2002PA10404        A      20040906    MX 2002-PA10404        20021018
     US 2004203157         A1     20041014    US 2002-258148         20021216
     IN 2006MN00303        A      20070824    IN 2006-MN303          20060314
     AU 2007200581         A1     20070301    AU 2007-200581         20070209
PRAI ES 2000-1102          A      20000419
     AU 2001-265889        A3     20010419
     AU 2001-65889         A      20010419
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      WO 2001-EP4479      W       20010419
      IN 2002-MN1424      A3      20021016

L6    ANSWER 5 OF 5  CAPLUS  COPYRIGHT 2008 ACS on STN
AN    1998:749686  CAPLUS
DN    129:311672
TI    Osmotic stress-resistant transgenic plants expressing yeast
      trehalose-6-phosphate synthase gene CIF1
IN    Romero Salvador, Carlos; Belles Albert, Jose Maria; Vaya Montana, Jose
      Luis; Serrano Salom, Ramon; Cualianez Macia, Francisco; Gancedo,
      Carlos
PA    Universidad Polticnica de Valencia, Spain
SO    Span., 10 pp.
      CODEN: SPXXAD
DT    Patent
LA    Spanish
FAN.CNT 1
      PATENT NO.          KIND  DATE      APPLICATION NO.       DATE
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PI    ES 2110918          A1    19980216  ES 1996-1494          19960704
      ES 2110918          B1    19980801
PRAI  ES 1996-1494              19960704


=> s snf7
L7           89 SNF7

=> s cryo2 or cry2
L8         1130 CRYO2 OR CRY2

=> s chmp
L9          107 CHMP

=> s beet or beta(w)vulgaris or b(w)vulgaris
L10      115249 BEET OR BETA(W) VULGARIS OR B(W) VULGARIS

=> s l7 and l10
L11           0 L7 AND L10

=> s l8 and l10
L12           5 L8 AND L10

=> s l12 not l4
L13           4 L12 NOT L4

=> duplicate remove l13
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KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L13
L14           1 DUPLICATE REMOVE L13 (3 DUPLICATES REMOVED)

=> d l14 ti

L14   ANSWER 1 OF 1      MEDLINE on STN                  DUPLICATE 1
TI    Isolation and toxicity of Bacillus thuringiensis from potato-growing areas
      in Bolivia.


=> s l9 and l10
L15           1 L9 AND L10

=> s l15 not l4
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L16            0 L15 NOT L4

=> s l7 and stress
L17            5 L7 AND STRESS

=> s l8 and stress
L18           28 L8 AND STRESS

=> s l9 and stress
L19            3 L9 AND STRESS

=> s l17 or l18 or l19
L20           35 L17 OR L18 OR L19

=> s l20 not l4
L21           34 L20 NOT L4

=> duplicate remove l21
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L21
L22           20 DUPLICATE REMOVE L21 (14 DUPLICATES REMOVED)

=> d l22 1-10 ti

L22  ANSWER 1 OF 20  CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Detection of circadian rhythm controlling gene Per1 expression in
     peripheral tissues for stress evaluation

L22  ANSWER 2 OF 20  CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Genome-wide screen for oxalate-sensitive mutants of Saccharomyces
     cerevisiae

L22  ANSWER 3 OF 20     MEDLINE on STN                    DUPLICATE 1
TI   Circadian clock, cancer and lipid metabolism.

L22  ANSWER 4 OF 20     MEDLINE on STN                    DUPLICATE 2
TI   Tumor suppression and circadian function.

L22  ANSWER 5 OF 20  CABA COPYRIGHT 2008 CABI on STN    DUPLICATE 3
TI   Great promoting effect of high irradiance from germination on flowering in
     Arabidopsis thaliana – a process of photo-acclimation.

L22  ANSWER 6 OF 20  CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Neuroendocrine-immune correlates of circadian physiology: studies in
     experimental models of arthritis, ethanol feeding, aging, social
     isolation, and calorie restriction

L22  ANSWER 7 OF 20     MEDLINE on STN                    DUPLICATE 4
TI   Post-translational regulation of circadian transcriptional
     CLOCK(NPAS2)/BMAL1 complex by CRYPTOCHROMES.

L22  ANSWER 8 OF 20  CAPLUS  COPYRIGHT 2008 ACS on STN
TI   Cryptochrome 2 is involved in betacyanin decomposition induced by blue
     light in Suaeda salsa

L22  ANSWER 9 OF 20  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on STN
TI   Hypothalamic pathogenesis of type 2 diabetes.

L22  ANSWER 10 OF 20  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on
     STN
TI   Dual role of the CLOCK/BMAL1 circadian complex in transcriptional
```

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    regulation.


=> d l22 11-20 ti

L22   ANSWER 11 OF 20  CAPLUS  COPYRIGHT 2008 ACS on STN
TI    Candidate genes, pathways and mechanisms for bipolar (manic-depressive)
      and related disorders: an expanded convergent functional genomics approach

L22   ANSWER 12 OF 20  CAPLUS  COPYRIGHT 2008 ACS on STN
TI    A role for Arabidopsis cryptochromes and COP1 in the regulation of
      stomatal opening

L22   ANSWER 13 OF 20     MEDLINE on STN                    DUPLICATE 5
TI    Identification and characterization of rns4/vps32 mutation in the RNase T1
      expression-sensitive strain of Saccharomyces cerevisiae: Evidence for
      altered ambient response resulting in transportation of the secretory
      protein to vacuoles.

L22   ANSWER 14 OF 20  CAPLUS  COPYRIGHT 2008 ACS on STN
TI    Snf7p, a component of the ESCRT-III protein complex, is an upstream member
      of the RIM101 pathway in Candida albicans

L22   ANSWER 15 OF 20  CAPLUS  COPYRIGHT 2008 ACS on STN
TI    Flowering of Arabidopsis cop1 mutants in darkness

L22   ANSWER 16 OF 20  CAPLUS  COPYRIGHT 2008 ACS on STN
TI    Finding unexpected patterns in microarray data

L22   ANSWER 17 OF 20  CABA COPYRIGHT 2008 CABI on STN
TI    Effect of end-of-day far red light on the responses to fluctuating
      day/night temperatures in cucumber and Arabidopsis.

L22   ANSWER 18 OF 20  BIOSIS  COPYRIGHT (c) 2008 The Thomson Corporation  on
      STN
TI    Programming of the fetal suprachiasmatic nucleus and subsequent adult
      rhythmicity.

L22   ANSWER 19 OF 20  CABA COPYRIGHT 2008 CABI on STN    DUPLICATE 6
TI    UV and blue light signalling: pathways regulating chalcone synthase gene
      expression in Arabidopsis
      Special Issue: Signalling in plants.

L22   ANSWER 20 OF 20     MEDLINE on STN                    DUPLICATE 7
TI    [Effect of emotional tension on intravascular coagulation in patients with
      angiographically established ischemic heart disease].
      Vliianie emotsional'nogo napriazheniia ba vnutrisosudistuiu koaguliatsiiu
      u bol'nykh s angigraficheski podtverzhdennoi ishemicheskoi bolezn'iu
      serdtsa.


=> d his

      (FILE 'HOME' ENTERED AT 17:13:34 ON 14 FEB 2008)

      FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
      17:14:05 ON 14 FEB 2008
L1           2 S (MULET SALORT, J? OR MULET SALORT J?)/AU
L2           7 S (SERRANO SALOM, R? OR SERRANO SALOM R?)/AU
L3           2 S L1 AND L2
L4           7 S L1 OR L2
L5           5 S L4 NOT L3
```

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L6              5 DUPLICATE REMOVE L5 (0 DUPLICATES REMOVED)
L7             89 S SNF7
L8           1130 S CRYO2 OR CRY2
L9            107 S CHMP
L10        115249 S BEET OR BETA(W)VULGARIS OR B(W)VULGARIS
L11             0 S L7 AND L10
L12             5 S L8 AND L10
L13             4 S L12 NOT L4
L14             1 DUPLICATE REMOVE L13 (3 DUPLICATES REMOVED)
L15             1 S L9 AND L10
L16             0 S L15 NOT L4
L17             5 S L7 AND STRESS
L18            28 S L8 AND STRESS
L19             3 S L9 AND STRESS
L20            35 S L17 OR L18 OR L19
L21            34 S L20 NOT L4
L22            20 DUPLICATE REMOVE L21 (14 DUPLICATES REMOVED)

=> file uspatfull
COST IN U.S. DOLLARS                         SINCE FILE      TOTAL
                                               ENTRY       SESSION
FULL ESTIMATED COST                            58.86         59.07

FILE 'USPATFULL' ENTERED AT 17:23:11 ON 14 FEB 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 14 Feb 2008 (20080214/PD)
FILE LAST UPDATED: 14 Feb 2008 (20080214/ED)
HIGHEST GRANTED PATENT NUMBER: US7331063
HIGHEST APPLICATION PUBLICATION NUMBER: US2008040827
CA INDEXING IS CURRENT THROUGH 14 Feb 2008 (20080214/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 14 Feb 2008 (20080214/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2007
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2007


=> s l3
              1 MULET SALORT, J?/AU
              1 MULET SALORT J?/AU
              2 SERRANO SALOM, R?/AU
              2 SERRANO SALOM R?/AU
L23           1 L1 AND L2

=> d l23 bib

L23  ANSWER 1 OF 1  USPATFULL on STN
AN     2006:235420  USPATFULL
TI     Stress tolerance
IN     Mulet Salort, Jose Miguel, Basel, SWITZERLAND
         Serrano Salom, Ramon, Valencia, SPAIN
PI     US 2006200879      A1   20060907
AI     US 2004-552686     A1   20040413 (10)
       WO 2004-EP50513         20040413
                               20051121  PCT 371 date
PRAI   EP 2003-76064      20030411
DT     Utility
FS     APPLICATION
LREP   NIXON & VANDERHYE, PC, 901 NORTH GLEBE ROAD, 11TH FLOOR, ARLINGTON, VA,
       22203, US
CLMN   Number of Claims: 26
ECL    Exemplary Claim: 1
DRWN   5 Drawing Page(s)
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LN.CNT 2423
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> s l4
              1 MULET SALORT, J?/AU
              1 MULET SALORT J?/AU
              2 SERRANO SALOM, R?/AU
              2 SERRANO SALOM R?/AU
L24           2 L1 OR L2

=> s l24 not l23
L25           1 L24 NOT L23

=> d l25 bib

L25  ANSWER 1 OF 1  USPATFULL on STN
AN      2004:146093  USPATFULL
TI      Sugar beet genes involved in stress tolerance
IN      Kanhonou, Arthur Rodolphe, Valencia, SPAIN
           Serrano Salom, Ramon, Valencia, SPAIN
        Ros Palau, Roc, Valencia, SPAIN
PI      US 2004111769      A1   20040610
        US 7227053         B2   20070605
AI      US 2004-451554     A1   20040126 (10)
        WO 2001-EP15093         20011220
PRAI    EP 2000-8703191    20001222
        US 2001-60271656   20010226
DT      Utility
FS      APPLICATION
LREP    Ann R Pokalsky, Dilworth & Barrese, 333 Earle Ovington Boulevard,
        Uniondale, NY, 11553
CLMN    Number of Claims: 54
ECL     Exemplary Claim: 1
DRWN    12 Drawing Page(s)
LN.CNT 3489
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> s l11
             27 SNF7
          12200 BEET
         457529 BETA
          15494 VULGARIS
           2018 BETA(W) VULGARIS
        2579508 B
          15494 VULGARIS
             36 B(W) VULGARIS
L26           4 L7 AND L10

=> s l12
              1 CRYO2
            188 CRY2
          12200 BEET
         457529 BETA
          15494 VULGARIS
           2018 BETA(W) VULGARIS
        2579508 B
          15494 VULGARIS
             36 B(W) VULGARIS
L27          57 L8 AND L10
```

```
=> s l13
            1 CRYO2
          188 CRY2
        12200 BEET
       457529 BETA
        15494 VULGARIS
         2018 BETA(W) VULGARIS
      2579508 B
        15494 VULGARIS
           36 B(W) VULGARIS
            1 MULET SALORT, J?/AU
            1 MULET SALORT J?/AU
            2 SERRANO SALOM, R?/AU
            2 SERRANO SALOM R?/AU
L28          56 L12 NOT L4

=> s l15
           35 CHMP
        12200 BEET
       457529 BETA
        15494 VULGARIS
         2018 BETA(W) VULGARIS
      2579508 B
        15494 VULGARIS
           36 B(W) VULGARIS
L29           1 L9 AND L10

=> d l26 1-4 ti

L26  ANSWER 1 OF 4  USPATFULL on STN
TI    Methods for genetic control of plant pest infestation and compositions
      thereof

L26  ANSWER 2 OF 4  USPATFULL on STN
TI    Stress tolerance

L26  ANSWER 3 OF 4  USPATFULL on STN
TI    Methods for monitoring multiple gene expression

L26  ANSWER 4 OF 4  USPATFULL on STN
TI    Methods for monitoring multiple gene expression


=> d his

     (FILE 'HOME' ENTERED AT 17:13:34 ON 14 FEB 2008)

     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     17:14:05 ON 14 FEB 2008
L1           2 S (MULET SALORT, J? OR MULET SALORT J?)/AU
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L8        1130 S CRYO2 OR CRY2
L9         107 S CHMP
L10     115249 S BEET OR BETA(W)VULGARIS OR B(W)VULGARIS
L11          0 S L7 AND L10
L12          5 S L8 AND L10
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```

```
L14            1 DUPLICATE REMOVE L13 (3 DUPLICATES REMOVED)
L15            1 S L9 AND L10
L16            0 S L15 NOT L4
L17            5 S L7 AND STRESS
L18           28 S L8 AND STRESS
L19            3 S L9 AND STRESS
L20           35 S L17 OR L18 OR L19
L21           34 S L20 NOT L4
L22           20 DUPLICATE REMOVE L21 (14 DUPLICATES REMOVED)

     FILE 'USPATFULL' ENTERED AT 17:23:11 ON 14 FEB 2008
L23            1 S L3
L24            2 S L4
L25            1 S L24 NOT L23
L26            4 S L11
L27           57 S L12
L28           56 S L13
L29            1 S L15

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS                       SINCE FILE      TOTAL
                                              ENTRY       SESSION
FULL ESTIMATED COST                           8.10         67.17

STN INTERNATIONAL LOGOFF AT 17:25:40 ON 14 FEB 2008
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